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PATENT

PRE-ASSEMBLED INTERNAL SHEAR PANEL

Abstract of the Disclosure

5 An internal shear panel for reducing the tendency of the  
upper portions of buildings to move relative to the  
foundation when lateral forces, such as those produced by  
winds and earthquakes, are applied to the walls. The shear  
panel is pre-assembled having two vertical posts and two  
diaphragm members interconnecting the two vertical posts.  
10 The panel also has an upper and a lower horizontal member  
that are connected to the vertical posts and the diaphragm  
members. The lower horizontal member and the vertical posts  
are configured to be attached via brackets to holdown bolts  
mounted in the foundation of a building and the upper  
horizontal member is configured to be attached to an upper  
15 plate or rail of the wall. Hence, the shear panel can be  
installed by connecting the upper horizontal member to the  
upper portion of the wall and connecting the lower horizontal  
member to the holdown bolts in the foundation.

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